

PRODUCT INFORMATION PACKET

Model No: 184TTFC6076

Catalog No: GT1008

Globetrotter® General Purpose Motor, 2 & 1.5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,
1200 & 1000 RPM, 184T Frame, TEFC



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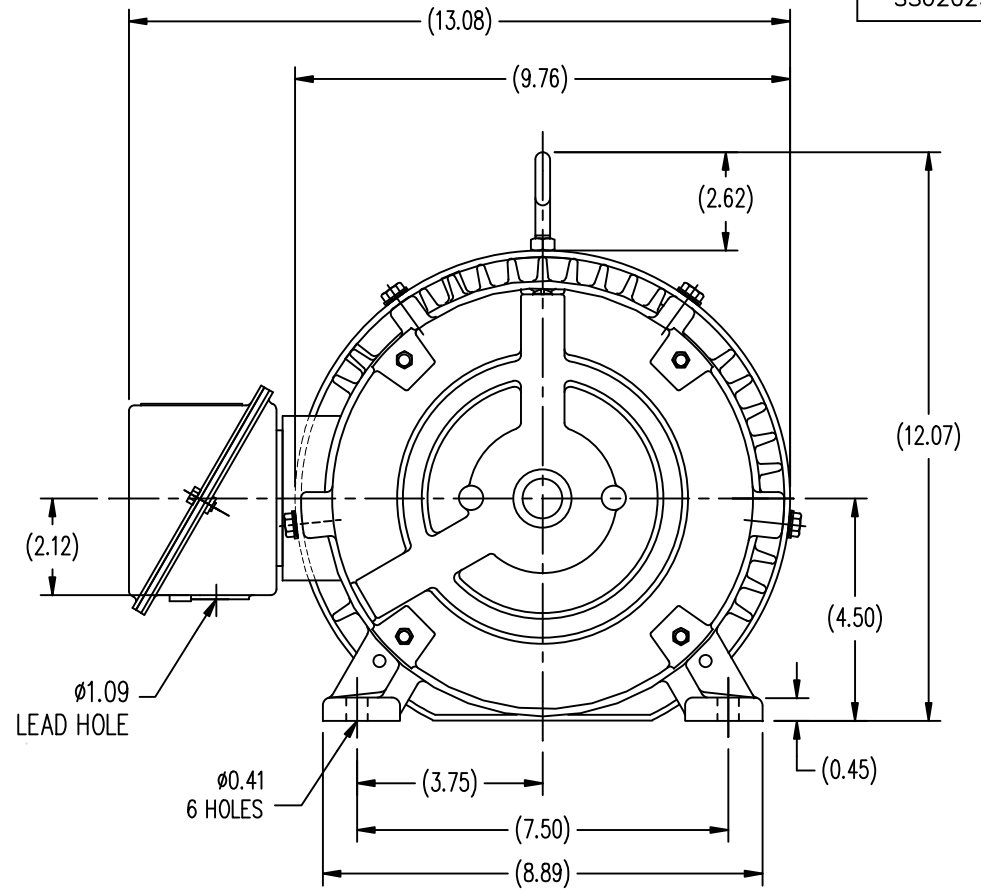
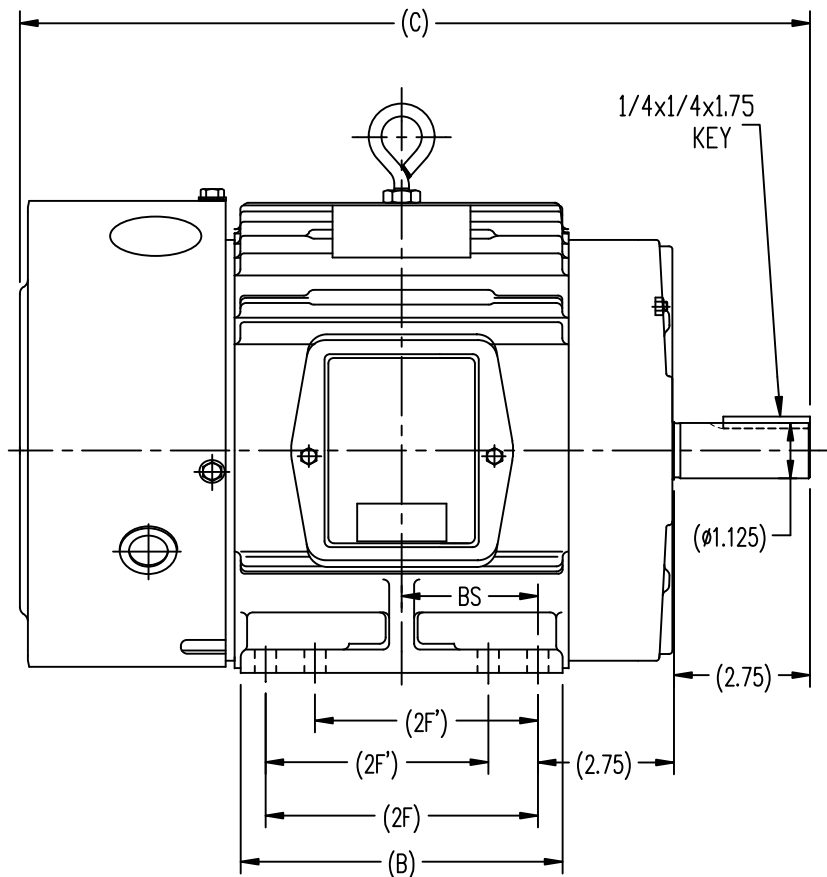
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Nameplate Specifications

Phase	3	Output HP	2 & 1.50 Hp
Output KW	1.5 & 1.1 kW	Voltage	230/460 & 190/380 V
Speed	1182 & 985 rpm	Service Factor	1.15 & 1.15
Frame	184T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	88.5 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	6/3 & 5.6/2.8 A	Power Factor	73
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	4.65 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	14.80 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Connection Drawing	A-EE7308	Outline Drawing	SS620290-184T



182T	14.80	5.50	4.50	/	2.25
184T	15.81	6.55	5.50	4.50	2.75
FRAME	C	B	2F	2F'	BS

		TOLERANCES UNLESS SPECIFIED		REGAL BELOIT CORPORATION		DRAWN HZJ 03-05-2010	
		DEC.	INCHES	TITLE		CHK ZYH 03-05-2010	
		.X	±.1	182/184T FR TEFC-CAST IRON		APPD CL 03-05-2010	
		.XX	±.03	MATERIAL		SCALE 1=2.5	
		.XXX	±.005	FINISH		REF	
		.XXXX	±.0005	CAD FILE		FMF HWADA	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2-	PREV	
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						DIST	
						CAD FILE	SS620290
						SIZE	B
						DRAWING NO.	SS620290
						REV.	



NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					CHK ML 11/21/1990				
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1			APPD SAS 04/24/2003				
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		TITLE CONNECTION DIAGRAM	SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			PREV				
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							DIST WP					

CERTIFICATION DATA SHEET

Model#: 184TTFC6076 AA **WINDING#:** CHT18460001 NONE 1
CONN. DIAGRAM: A-EE7308 **ASSEMBLY:** F1/F2 CAPABLE
OUTLINE: B-SS620290

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
2&1 1/2	1.49&1.12	1200	1182&985	184T	TEFC	J	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/ 380	6/3&5.6/2.8	ACROSS THE LINE	CONTINUOU S	F7	1.15/1.15	40	3300

FULL LOAD EFF: 88.5&87.5	3/4 LOAD EFF: 87.5	1/2 LOAD EFF: 85.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 73&71	3/4 LOAD PF: 66	1/2 LOAD PF: 54	87.5	SQ CAGE IND RUN	3.2 / 1.6

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
8.9 LB-FT	40 / 20	14.5 LB-FT 162	23.5 LB-FT 264	40

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
55 dBA	65 dBA	0.5 LB-FT^2	40 LB-FT^2	25 SEC.	2	130 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON
6206	6205						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

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INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

DATE: 06/28/2017 07:20:11 AM
 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.

Data Sheet

Date: 6/19/2017

184TTC6076

Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



Submittal

Data @ 460 V

Motor Load Data

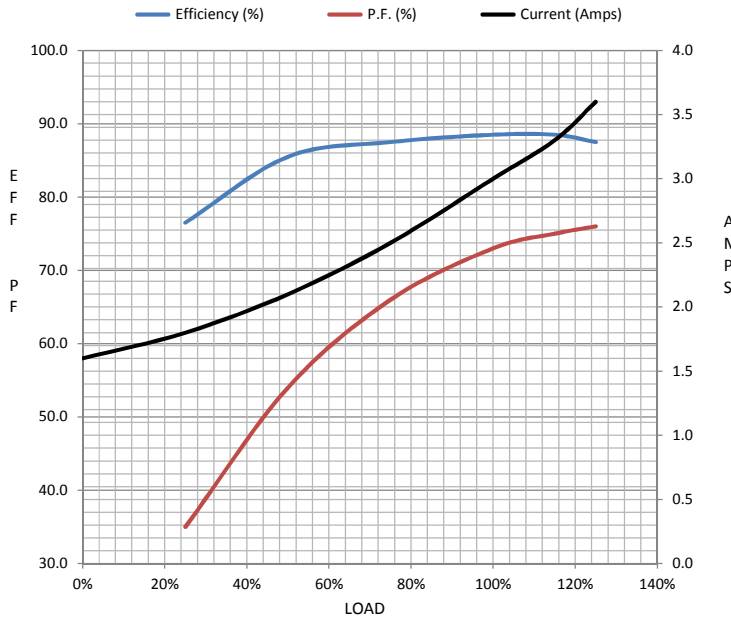
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.60	1.80	2.10	2.50	3.0	3.3	3.6	20.0
Torque (ft-lb)	0.00	2.20	4.4	6.7	8.9	10.4	11.2	14.5
RPM	1200	1195	1192	1185	1182	1,180	1178	0
Efficiency (%)		76.5	85.5	87.5	88.5	88.5	87.5	
P.F. (%)	8.0	35.0	54.0	66.0	73.0	75.0	76.0	33.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	350	1100	1182	1200
Current (Amps)	20.0	17.0	11.0	3.0	1.60
Torque (ft-lb)	14.5	12.5	23.5	8.9	0.00

Information Block

HP	2.0			
Sync. RPM	1200			
Frame	184			
Enclosure	TEFC			
Construction	TFC			
Voltage	30/460#190/381V			
Frequency	60 Hz			
Design	B			
LR Code letter	J			
Service Factor	1.15			
Temp Rise @ FL	40 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.50 Lb-Ft ²			
Ref Wdg	CHT18460001 NONE			
Sound Pressure @ 1M	55 dBA			
VFD Rating	NONE			
Outline Dwg	B-SS620290			
Conn. Diag	A-EE7308			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
2.6980	1.5620	9.3720	12.9220	156.2000



Speed -Torque Curve

